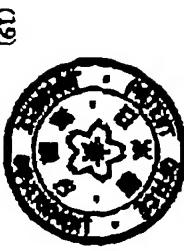


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PATENT ABSTRACTS OF JAPAN

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(30) Priority:		(72) Inventor:	KANO TOSHIRO
(43) Date of application publication:	06.03.98	(74) Representative:	
(44) Designated contracting states:			

(54) HEAD UNIT AND MAGNETIC RECORDING/REPRODUCING DEVICE

(57) Abstract:

PROBLEM TO BE SOLVED: To provide a head unit and a magnetic recording/reproducing device capable of recording or reproducing information without causing any out-of-track even when a track pitch is narrow and a medium is high density.

SOLUTION: Five head units 10 are arranged on a base 3 of a coarse motion slider 2 in line in the width direction of a magnetic tape in a multi-track head 1. Each head unit 10 consists of a pair of fine motion slider 13 erected on the base 3, a pedestal 15 stuck onto the fine motion slider 13 and a head 18 placed on the pedestal 15. By applying a prescribed voltage between electrodes formed on both surfaces of the piezo-electric element of the fine motion slider 13, the fine motion slider 13 is

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bent, and the head 18 is finely moved in the width direction of the magnetic tape. Thus, even when the width of the magnetic tape is expanded/contracted due to a temp. change and the secular change, respective head singles 10 can record/reproduce without causing any out-of-track.

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